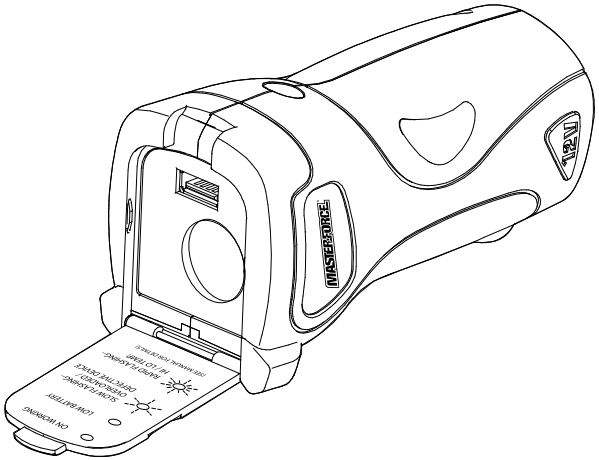
12.0-Volt Lithium-Ion Power Source



241-0318

OPERATOR'S MANUAL

⚠ CAUTION: To Reduce The Risk Of Injury, User Must Read And Understand Operator's Manual. Save These Instructions For Future Reference.

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SAFETY SYMBOLS

Some of these following symbols may be used on this tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

Symbol	Name	Designation / Explanation
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watts	Power
∿	Alternating current	Type of current
⎓	Direct current	Type of characteristic of current
n_o	No-load speed	Rotational speed at no load
⧈	Class II construction	Double insulated construction
.../min	Per minute	Revolutions, strokes, surface speed orbits, etc., per minute
	Wear safety goggles	**⚠ WARNING:** The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full-face shield when needed. We recommend a Wide Vision Safety Mask for use over eye-glasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

⚠ WARNING: To ensure safety and reliability, all repairs should be performed by a qualified service technician.

SAFETY INSTRUCTIONS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

⚠ WARNING: Be sure to read and understand all safety instructions in this manual, including all safety alert symbols such as "DANGER," "WARNING," and "CAUTION" before using this auto hammer . Failure to following all instructions listed below may result in electric shock, fire, and/or serious personal injury.

SYMBOL MEANING

SAFETY ALERT SYMBOL: Indicates DANGER, WARNING, OR CAUTION. May be used in conjunction with other symbols or pictographs.

⚠ DANGER: Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.

⚠ WARNING: Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

⚠ CAUTION: Indicates a potentially hazardous situation, which, if not avoided, could result in minor or moderate injury.

NOTICE: (Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SAVE THESE INSTRUCTIONS!

SAFETY INSTRUCTIONS

⚠ WARNING: Read all safety warnings and instructions!

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious personal injury. Save these instructions – This operator's manual contains important safety and operating instructions for the MASTERFORCE 12V Power Source. Before using this Power Source, read this operator's manual, your battery pack and charger operator's manuals, and all labels on the battery pack, charger and Power Source.

⚠ WARNING: Risk of fire and electric shock. Dry location use only. Do not expose to rain. Risk of injury.

WORK AREA SAFETY

1. **Avoid dangerous environments.** Do not use outdoors in rain, snow, damp or wet locations.

2. **Do not use in the explosive atmospheres** (in the presence of gaseous fumes, dust or flammable materials), because sparks may be generated when inserting or removing the battery pack, possibly causing fire.

ELECTRICAL SAFETY

1. **Do not use an extension cord with the appliance.** Using an extension cord could result in the risk of fire and electrical shock.

PERSONAL SAFETY

1. **Follow the manufacturer's instructions regarding operation and power for this Power Source.** Use of the Power Source other than described in this manual could result in a hazardous situation.

2. **Use the correct appliance for the application.**

3. **Stay alert, watch what you are doing and use common sense when operating this Power Source. Do not use while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention may result in serious personal injury.

USE AND CARE

1. **Disconnect plugs from the Power Source and remove the battery pack before storing it.** Such preventive safety measures reduce the risk of starting the appliance accidentally.

2. **Store an idle Power Source out of the reach of children and do not allow persons unfamiliar with the power source or instructions to operate it.** The Power Source is dangerous in the hands of untrained users.

3. **Maintain the Power Source.** Check for misalignment, breakage of parts and any other condition that may affect the Power Source operation. If damaged, have the Power Source repaired before use. Use the Power Source in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the Power Source for operations different from those intended could result in a hazardous situation.

4. **Keep Power Source away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the terminals together may cause burns or a fire.

SAFETY INSTRUCTIONS

BATTERY TOOL USE AND CARE

1. Your Power Source is rated for 12 V DC only. Use only appropriate Masterforce battery packs (252-8016). Use of any other battery pack may create a risk of injury and fire.

2. Recharge only with the charger specified in the table below. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

3. Use only with the battery and chargers listed:

Battery pack	Charger
252-8016	252-8020

4. To reduce the risk of electric shock, always remove battery pack before cleaning or maintenance.

5. The battery used in this device may present a risk of fire or chemical burn if mistreated. Do not disassemble, heat above 120° F (50° C), or incinerate.

6. Dispose of used battery promptly. Keep away from children. Do not disassemble and do not dispose of in fire.

SERVICE

1. Do not disassemble. Incorrect reassembly may result in the risk of electric shock or fire.

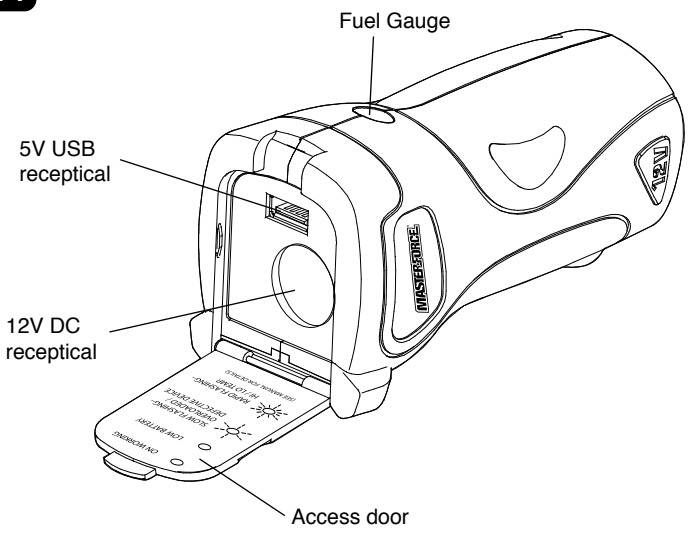
2. Store in a cool, dry place. Do not store where temperatures may exceed 120° F (50° C) such as in direct sunlight, a vehicle or metal building during the summer.

3. Maintain labels and nameplates. These carry important information.

4. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance instructions may create a risk of shock or injury.

OVERVIEW

FIG. 1



- Fuel gauge: Green, and red LED lights indicate the amount of charge remaining.
- 5V DC USB port: power for 5V appliances with working current less than 1.5A
- 12V DC port: power for 12V automotive appliances with working current less than 3A.
- Both ports can power for smarts phones, digital cameras, MP3 players, navigator, etc.
- Access door: protects the ports from dirt and short-circuit.

SPECIFICATIONS

Input	12V DC
DC Output	12V DC, 3A
USB Output	5V DC, 1.5A
Power Source Weight (without battery)	4.76 oz.
Optimum Charging Temperature	50° F (10° C) -104° F (40° C)

ASSEMBLY

⚠ WARNING: If any part is broken or missing, DO NOT attempt to attach the battery or operate the Power Source until the broken or missing part is replaced. Failure to do so could result in possible serious injury.

⚠ WARNING: Use only with the specified battery and charger. For specific charging instructions, read the operator's manual supplied with your charger and battery.

⚠ WARNING: Do not attempt to modify this Power Source or create accessories not recommended for use with this Power Source. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury. To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the Power Source when assembling parts.

UNPACKING

This product has been shipped completely assembled.

1. Carefully remove the Power Source from the box.

2. Inspect the Power Source carefully to make sure no breakage or damage occurred during shipping.

3. Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.

PACKING LIST

12.0-Volt Lithium-Ion power source and Operator's Manual

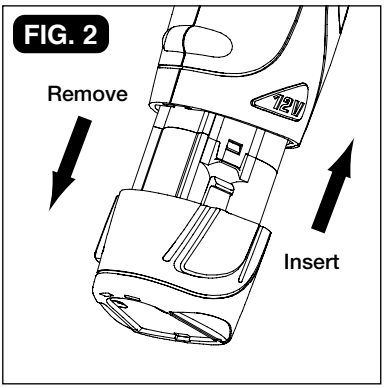
OPERATION

Always remove the battery pack before changing or removing accessories. Only use accessories specifically recommended for this tool. Others may be hazardous.

INSERTING/REMOVING THE BATTERY (FIG. 2)

1. To insert the battery, align the raised ribs on the battery pack with the grooves in the Power Source, and then attach the battery pack to the Power Source.

2. To remove the battery, depress the battery release buttons located on the both sides of the battery pack to release the battery pack. Pull the battery pack out and remove it from the Power Source.



OPERATION

FUEL GAUGE

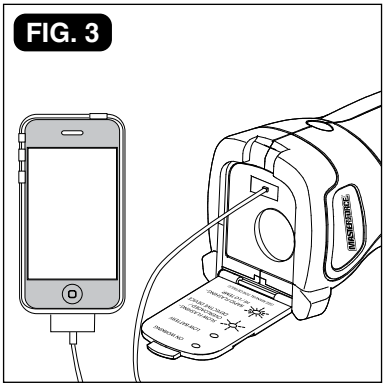
To indicate the battery-pack charge level, after inserting the battery pack into the power source, the Fuel Gauge will light up for 5-6 seconds. The functions of Fuel Gauge are listed:

LED INDICATOR	RED LED	GREEN LED	MEANING
ON WORKING	OFF	ON	Power Source is providing power to device(s).
LOW BATTERY	ON	OFF	Battery charge is below 20% capacity (Battery pack will turn off after depleted and LED indicator will go off).
SLOW FLASHING-OVERLOADED/ DEFECTIVE DEVICE	Slow flashing at 1 Hz	OFF	Power source is overloaded or defective.
RAPID FLASHING-HI/LO TEMP.	Rapid flashing at 2 Hz	OFF	The Power Source is not operating with the optimum temperature range of 50°F (10°C) to 104°F (40°C).

USING THE POWER SOURCE

1. Open the access door and plug in a 12 V Automotive or 5 V USB powered appliance, and then install the battery (Fig. 3).

2. If the appliance draws more than the rated output of the port, the Power Source will shut off all the outlets to protect the battery pack and the Fuel Gauge will flash red slowly. To restart the power source, remove and reinstall the battery pack. Use only appliances rated within the output specifications for the port.



MAINTENANCE

⚠ WARNING: To avoid serious personal injury, always remove the battery pack from the Power Source when cleaning or performing any maintenance. Never disassemble the power source, battery pack or charger.

⚠ WARNING: Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

⚠ WARNING: To reduce the risk of personal injury and damage, never immerse your tool, battery pack or charger in liquid or allow a liquid to flow inside them.

⚠ WARNING: When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The Fuel Gauge is not ON when a battery pack has been inserted.	The battery pack charge is fully depleted.	Charge the battery pack following the instructions for your charger and battery pack.
	Weak contacts.	Check the contacts of the Power Source; make sure they are clean and not damaged.
The Power Source cannot power an appliance and the Fuel Gauge flashes in red.	The appliance draws more than the rated output of the port.	Remove the appliance from the port; remove and reinstall the battery pack to restart the Power Source. Make sure the working current for the appliance is not greater than the rated output of the port.
	The output port is under short circuit protection.	Remove the battery pack, check and make sure no metal or debris is inside the ports.
	The battery pack is under high temperature protection.	Remove the appliance and battery pack from the Power source, cool the battery pack until the temperature drops to 158° F (70° C).

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12.0-VOLT LITHIUM-ION POWER SOURCE

WARRANTY

90-DAY MONEY BACK GUARANTEE:

This MASTERFORCE® brand power tool carries our 90-DAY Money Back Guarantee. If you are not completely satisfied with your MASTERFORCE® brand power tool for any reason within ninety (90) days from the date of purchase, return the tool with your original receipt to any MENARDS® retail store, and we will provide you a refund – no questions asked.

3-YEAR LIMITED WARRANTY:

This MASTERFORCE® brand power tool carries our famous No Hassle 3-Year Limited Warranty to the original purchaser. If, during normal use, this MASTERFORCE® power tool breaks or fails due to a defect in material or workmanship within three (3) years from the date of original purchase, simply bring this tool with the original sales receipt back to your nearest MENARDS® retail store. At its discretion, MASTERFORCE® agrees to have the tool or any defective part(s) repaired or replaced with the same or similar MASTERFORCE® product or part free of charge, within the stated warranty period, when returned by the original purchaser with original sales receipt. Not withstanding the foregoing, this limited warranty does not cover any damage that has resulted from abuse or misuse of the Merchandise. This warranty: (1) excludes expendable parts including but not limited to blades, brushes, belts, bits, light bulbs, and/or batteries; (2) shall be void if this tool is used for commercial and/or rental purposes; and (3) does not cover any losses, injuries to persons/property or costs. This warranty does give you specific legal rights and you may have other rights, which vary from state to state. Be careful, tools are dangerous if improperly used or maintained. Seller's employees are not qualified to advise you on the use of this Merchandise. Any oral representation(s) made will not be binding on seller or its employees. The rights under this limited warranty are to the original purchaser of the Merchandise and may not be transferred to any subsequent owner. This limited warranty is in lieu of all warranties, expressed or implied including warranties or merchantability and fitness for a particular purpose. Seller shall not be liable for any special, incidental, or consequential damages. The sole exclusive remedy against the seller will be for the replacement of any defects as provided herein, as long as the seller is willing or able to replace this product or is willing to refund the purchase price as provided above. For insurance purposes, seller is not allowed to demonstrate any of these power tools for you.

For questions / comments, technical assistance or repair parts – Please Call Toll Free at: **1-866-917-4374**. (M-F 8am – 6pm)

SAVE YOUR RECEIPTS
THIS WARRANTY IS VOID WITHOUT THEM

MASTER FORCE®

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